

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 214056US0CONT		SERIAL NO. 09/960,487	
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; text-align: center;"> RECEIVED JAN 2 2 2003 TC 1700 </div>				APPLICANT Hiroyuki SHIMIZU et al.			
				FILING DATE SEPTEMBER 24, 2001		GROUP 1773	
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
J	AA 5,550,348	08-27-96	Masaie et al.	219	145.22		
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
M	AO 51-72937	06-24-76	Japan w/English Abstract				X
M	AP 8-229697	09-10-96	Japan w/English Abstract				X
M	AQ 0 303 734	02-22-89	Europe w/English Abstract				X
M	AR 09-122974A	05-1997	Japan (English Translation Only)		X		
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						
Examiner <i>M. J. G. J.</i>				Date Considered 2/1/03			

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.